

## Material Declaration for M80-327

Product Information	
Part Number:	M80-327
Part Description:	Female Straight Power Contact
Part Weight (g):	0.435

Process Data	
Peak Reflow (Deg. C)	n/a
Termination Finish	Gold over Nickel/Copper
RoHS Compliant? (Y/N)	Yes

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #
Contact Shell - Brass	0.234	2%	Copper	7440-50-8
	0.157	1%	Zinc	7440-66-6
	0.012	0.50%	Lead	7439-92-1
	0	0.00121g max	Iron (impurity only)	7439-89-6
	0	0.00121g max	Tin (impurity only)	7440-31-5
	0	0.00121g max	Nickel (impurity only)	7440-02-0
Contact Shell - Plating	0	0.000201g max	Aluminium (impurity only)	7429-90-5
	0	0.000803g max	Other Impurities	
	0.00104	5%	Gold	7440-57-5
	0.00257	10%	Nickel	7440-02-0
Contact Sleeve - Beryllium Copper	0.00214	10%	Copper	7440-50-8
	0.0248	2%	Copper	7440-50-8
	0.000101	0.40%	Beryllium	7440-41-7
	0.000456	0.80%	Nickel	7440-02-0
	0	0.000076g max	Cobalt (impurity only)	7440-48-4
	0	0.000025g max	Iron (impurity only)	7439-89-6
	0	0.000127g max	Other Impurities	
Contact Sleeve - Plating	0.000429	10%	Nickel	7440-02-0

Prepared by:

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On behalf of:

**HARWIN**